1	PATENT APPLICATION	ON FEE DETERA	∫ M NATION REG O) . 	Application	on or C	Docket Nu	mber	
	Effec	•							
	TOTAL CLAIMS	CLAIMS AS FILED - PART I (Column 1) (Column 2) OTAL CLAIMS						IER THAN	
				RAT	E FEE		RATE		
	FOR	NUMBER FILED	NUMBER EXTRA	BASIC	EE 370.0	O. OB	BASIC FE	_	
	TOTAL CHARGEABLE CLAIMS	74 minus 20=	* 54:	X\$ 9		7	V4.10		
	INDEPENDENT CLAIMS	minus.3 =	*			HOR	<u> </u>	ļ	
	MULTIPLE DEPENDENT CLAIM P	X42:		OR	X84=	<u> </u>			
ı	* If the difference in column 1 is	less than zero, enter	"O" in column 2	+140	=	OR	+280=	·	
1	CI AIME AS A	MENDED - PAR		TOTA	L	OR	TOTAL		
ı	(Column 1)	(Colum	nn 2) (Column 3)	SMAL	MALL ENTITY YPE				
	REMAINING AFTER AMENDMENT Total * 7 % Independent * 5	NUME PREVIO PAID F	BER PRESENT	RATE	TIONAL		RATE	TIONAL	
	Total * 7 % Independent *	Admin	F) = -	X\$ 9=	.:	ÓR	X\$18=		
H	FIRST PRESENTATION OF MU	Minus *** JLTIPLE DEPENDENT	CI AIM	X42=		OR	X84=		
	l		ODAIM . L	+140=			+280=		
	2-1902			TOTA			TOTAL		
Г	(Column 1) CLAIMS	(Colum	n 2) (Column 3)		- Leasung	4 - · · · · · ·	WUII. FEE		
AMENDMENT B	DEMAINING	HIGHE NUMB PREVIOU PAID F	ER PRESENT JSLY EXTRA OR	RATE	TIONAL		RATE	TIONAL	
	Total * 7.8 Independent *	Minus ** 83	=	X\$ 9=		OR	X\$18=	<u> </u>	
	FIRST PRESENTATION OF MUI	Minus *** J	=	X42=			X84=		
			LAIM	+140=	•				
				TOTAL ADDIT. FEE		OR A			
Г	(Column 1)	(Column	1 2) (Column 3)			•			
AMENDMENT C	REMAINING AFTER AMENDMENT	HIGHES NUMBE PREVIOU PAID FO	R PRESENT :	RATE	TIONAL		RATE	TIONAL	
END	Total *	linus **	=	X\$ 9=		<u> </u>	X\$18≟	1166	
₹	Independent * N	Ainus ***	=-	X42=		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
ا	FIRST PRESENTATION OF MUL	TIPLE DEPENDENT C	LAİM	/42=		OR	X84=		
. 44	If the entry in column 1 is less than the	entry in column 2, write "0"	in column 3.	+140=	. (OR _	·		
. 44	*If the "Highest Number Previously Paid	For IN THIS SPACE IS IE	ss than 20, enter "20."	ADDIT FEE	(OR AD	I		
FOR	M PTO-878 (Rev. 8/01)	· · · · · · · · · · · · · · · · · · ·	are mightest number to	ound in the app	propriate box	in colum	in 1.		

I					\int_{Ω}	. C		′ ¬	A				
Ŧ	PATENT APPLICATION FEE DETERMINATION REC						Application or Docket Numb						
	Effective October 1, 2001							09/087,198					
	CLAIMS AS FILED - PART I							SMALL	ENTITY				
TOTAL CLAIMS			(Colum	(Column 1) (Column 2)			TYPE			OI	R SMAL	R THAN L ENTITY	
] -	FOR							RATE	FE		RATE	<u> </u>	
-			NUMBER	RFILED	NUM	MBER EXTRA		BASIC F	EE 370.	00. OF	BASIC FE	E 740.00	
11		EABLE CLAIMS	74 minus 20= * 54				X\$ 9=		OF	X\$18=			
# H	NDEPENDENT	·	minus 3 = *				X42=	- 		-	 		
L	MULTIPLE DEPI	ENDENT CLAIM I	PRESENT							OF	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
*	If the difference	ce in column 1 is	s less than z	ero, enter	"0" in	column 2	' [+140=		OF	+280=		
		CLAIMS AS				ooldiiii 2		TOTAL	·	OF	TOTAL		
_	7-13/0	(Column 1)		(Colum	nn 2)	(Column 3)		SMALI	- ENTITY	' OR		R THAN ENTITY	
		CLAIMS REMAINING		HIGH NUMI	EST	PRESENT	1		ADDI		OMALL	ADDI-	
I Z		AFTER AMENDMENT		PREVIO PAID I		EXTRA		RATE	TIONA	·L	RATE	TIONAL	
AMENDMENT	Total	* 7)_	Minus	**	87.	-		X\$ 9=		ÓR	X\$18=	FEE	
AM	Independent		Minus .	***	Ý	= 2.		X42=	1		You		
	Timorrhes	ENTATION OF M	ULTIPLE DE	PENDENT	CLAIM		+			OR	 		
	: 640						L	+140=.	·	OR.	+280=		
1	5.500	(Column 1)		(Colum	n 2)	(Column a)	- AI	DOIT. FEE	<u></u>	OR	TOTAL ADDIT. FEE		
8		CLAIMS REMAINING		HIGHE NUMB	ST	(Column 3) PRESENT	Ė		ADDI-	7		4001	
		AFTER AMENDMENT		PREVIO	USLY	EXTRA		RATE	TIONAL		RATE	ADDI- TIONAL	
AMENDMENT	Total '	* 79	Minus	** 8	' '	= -		X\$ 9=	FEE		V610	FEĖ ·	
MA	Independent	* 3	Minus .	AAA \	1	= /	I	X42€	() (OR	X\$18=		
L	THIST PRESE	NTATION OF MU	JLTIPLE DEP	ENDĖNT (CLAIM		-		40,0	OR	X84=		
•	•			•	•			+140=		OR	+280=		
1	7601	40.4	•				AD	TOTAL DIT. FEE	4,6, a	posti ,	TOTAL ADDIT. FEE		
v		(Column 1) CLAIMS		(Column HIGHES	1 2)	(Column 3)	grava.		. .				
		REMAINING AFTER		NUMBE PREVIOU	R	PRESENT .	١,	RATE	ADDI- TIONAL		DATE	ADDI-	
DME	Total	AMENDMENT	Maria	PAID FO			<u> </u>		FEE		RATE	TIONAL FEE	
AMENDMENT	Independent	18	Minus Minus			=	. >	(\$ 9=		OR	X\$18≐		
₹	FIRST PRESE	NTATION OF MU		NDENT C	I AIM	- √.	>	<4 <u>2</u> =		OR	X84=	•	
	•							140=			1200		
44	If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."									OR	+280=		
. 148	"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." TOTAL ADDIT. FEE The "Highest Number Previously Paid For" (Total or Independent) is the blat and												
<u>.</u> .	total of floration fluebellustri) is the nignest number found in the appropriate box in column 1.												
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE													

Application or Docket Nu									t Number		
PATENT APPLICATION FEE DETERMINATION RECORD Seffective October 1, 1997 09/083/98											
CLAIMS AS FILED - PART I (Column 1) (Column 2)								ENTÍTY	OR _	OTHER SMALL E	THAN NTITY
FOR NUMBER FILED NUMBER EXTRA					EXTRA	RAT	E	FEE		RATE	FEE 190
BASIC FEE								3800	OR		940 W
TOTAL	CLAIMS	7	minus	20- 5	4	1404	=		OR	1818=	1188
	ENDENT CLA		minus 3 =			183	9=		OR	¥78=	
MULTIPLE DEPENDENT CLAIM PRESENT						+13)=		OR	1200	270
* tt 9*	e dilitarenda en dot	umn 1 ts tess than's	ero, enter °0° k	column 2		τοτ	AL.		OR C	TOTAL	2248.
9	CLAIMS AS AMENDED - PAFIT II (Column 1) (Culumn 2) (Column 3)						ALL	ENTITY	OR	OTHER SMALL	THAN ENTITY
EŅT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	Ē	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE:
AMENDMENT	Total	. 83.	Minus	- 174	= 9	x\$1	1=		OR	x\$22=	198
ME	Independent	• .	Minus	***	a	x 41	0		OR	x82=	
V	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						5= ·		OR	+270=	
7	124-90	4-9 9 (Column 1) (Column 2) (Column 3)				ADDIT.	TAL FEE		OR	TOTAL ADDIT, FEE	198
ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PUD FOR	PRESENT EXTRA	RA	TE .	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDMENT	Total	. 84	Minus	- 83	= 4.	x \$1	12		OR	x\$22=	72.00
AME	independent	•	Minus		6	x 4	1=		OR-	x82=	
_	FIRST PRESENTATION OF MULTIPLE DEPLENDENT CLAIM						5=	21	OR	+270=	, ,,
5	3-7-00	/ÚĴ (Column 1) (Column 2) (Column 3)			TIOOA	FEE		OR	TOTAL ADDIT, FEE	1200	
ENTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PRIEVIOUSLY P. UD FOR	PRESENT EXTRA	RZ	TE.	ADDI- TIONAL FEE		RATE	ADOI- TIONAL FEE
S S	Total	.75	Whus	- 87	-	xs	11=		OR	x\$22=	1.
AMENDMENT	Independent	. 4	Minus	-3	e /	x4	1=		OR	₩2=	78
_	FIRST PRESENTATION OF MULTIPLE DEPLENDENT CLAIM						35=		OR	+270=	
Withe entry in column 1 is less than the entry in column 2, write "V" in column 8, "I the "Remark Humber Previously Paid For" Of THIS SPA 2E is less than 20, enter "20." "If the "Righest Humber Previously Paid For" IN THIS SPA 2E is less than 8, enter "3."								E	OR ADDIT FEE		

therps. 36,00